

Prevention of Hand Dermatitis in the Health Care Setting

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Introduction

Prevention of Hand Dermatitis in the Health Care Setting

This document was created to help employers and employees prevent hand dermatitis in the health care setting. Hand dermatitis is a significant problem in health care personnel who are required to wash their hands numerous times a day. The resulting dermatitis is not only uncomfortable but can put the health care worker and the patient at risk for developing infections from the inflamed, damaged skin.

A survey of hospital infection control personnel working in all 106 Washington hospitals was conducted in the year 2000 by the Safety and Health Assessment and Research for Prevention (SHARP) Program. It is important to note that the survey results do not represent a review of all infection control personnel working within the state of Washington. The purpose of the interview was to characterize the use of moisturizers, types of hand washing agents, alcohol gels and gloves in the hospital setting. The awareness by the infection control personnel contacted of the issues concerning the compatibility of moisturizers with the use of latex gloves and/or chlorhexidine gluconate was also assessed in the survey. Using this survey information, this reference document was developed to address the issue of preventing hand dermatitis and the use of moisturizers in a health care setting.

This document includes numerous pieces of reference information for use by infection control personnel and employee health nurses including the following:

- 1) SHARP State of Washington Hospital Hand Care Survey 2000,
- 2) information on preventing hand dermatitis in the health care environment,
- 3) the use of moisturizers in health care settings,
- 4) product names and compatibilities of moisturizers, and
- 5) references for hand washing guidelines, state and federal bloodborne pathogen compliance documents, issues concerning the use of chlorhexidine gluconate hand washing agents and anionic moisturizers, and alcohol gel use in health care settings. General references on specific antimicrobial hand washing agents and latex issues are also included at the end of this document. Some of the guidelines and compliance documents have a website address included for you to obtain copies of these documents.

This information can be reproduced. We hope this information will be useful in the prevention of hand dermatitis in your health care setting. In addition to this written document, the information is available on our SHARP dermatitis website at <http://www.lni.wa.gov/sharp/derm>. We do not guarantee that the information on the lists of moisturizers is all-inclusive. A reasonable attempt has been made to provide information on products currently used in hospitals in Washington State and/or are available for purchase over the counter. Cosmetic companies can change the product name and/or alter the product's formulation at any time. The list of moisturizers and their chemical properties are what were available in April 2001.

SHARP State of Washington Hospital Hand Care Survey 2000: Summary of Results

Information was obtained for all 106 hospitals in Washington State in this survey with a 100% response rate. An infection control personnel or employee health nurse working for the hospital facility was contacted by phone and interviewed by the same SHARP epidemiologist. The following results were obtained.

The majority of the hospitals were licensed or Medicare certified acute care facilities. In addition to acute care facilities, five Veterans Administration Medical Centers, three military hospitals and four psychiatric care facilities were also contacted (Table 1).

- Most of the hospitals (70.2%) contacted had 200 or less registered hospital beds (Table 2).
- There were a total of 93 people interviewed with information about all the 106 hospitals. Nine infection control personnel worked for multiple hospitals. The majority of the personnel answering the survey were in infection control (95%) (Table 3).

Table 1. Hospitals in Washington Surveyed (n=106)

Type of Hospital	Number (%)
Licensed and/or Medicare Certified	94 (88.7)
Veterans Administration Medical Center	5 (4.7)
Military Hospital	3 (2.8)
Psychiatric Hospital	4 (3.8)

Table 2. Size of Hospitals Surveyed (n=106)

Number of Registered Hospital Beds: (Range 15-1100)	Number of Hospitals (%)
<= 50	31 (29.2)
51-100	22 (21.0)
101-200	21 (20.0)
201-300	13 (12.3)
301-400	8 (7.5)
401-500	8 (7.5)
> 501	3 (2.8)

Table 3. Personnel Contacted for Survey (n=93)

Personnel	Number
Infection Control	88
Employee Health Nurse	3
Available Nurse, not with Infection Control	2

The 91 infection control/employee health personnel were surveyed regarding the awareness of issues relating to the use of moisturizers. These issues are addressed in the Occupational Safety and Health Administration (OSHA) 1999 Enforcement Procedures for the Occupational Exposure to Bloodborne Pathogens and in the Association for Professionals in Infection Control and Epidemiology (APIC) 1995 *APIC Guideline for Hand Washing and Hand Antisepsis in Health-Care Settings*. The awareness issues are listed in Table 4.

**Table 4. Awareness of Moisturizer Issues: OSHA and APIC
91 Responses from Infection Control/Employee Health Personnel**

Issue	Aware (%)
Occupational Safety and Health Administration (OSHA) recommendation to avoid using some petroleum-based moisturizers with latex gloves	64 (74)
Chlorhexidine gluconate's (CHG) residual antibacterial effect on the skin inactivated by some anionic moisturizers	44 (48)

The type of hand washing products used throughout the hospitals varied (Table 5).

- Thirteen hospitals (12.3%) used a nonmicrobial hand washing product for the hospital personnel (except in the surgical suites).
- Twenty four hospitals used a nonmicrobial hand washing product throughout the hospital but antimicrobial(s) agents in special units of the hospital (isolation, nursery, ICU, etc). Chlorhexidine gluconate (CHG) was the hand washing agent most often used (13/24).
- Antimicrobial hand washing agents were supplied to all areas of the health care facility in 69 Washington hospitals. Parachlorometaxlenol (PCMX) was the most frequently used antimicrobial agent (36/69).
- When a combination of antimicrobial hand washing agents were used in the hospital (one on medical/surgical floors, another type on special units), CHG was always the hand washing agent used in the special units.

In the course of the survey interviews, a number of infection control personnel reported using the alcohol sanitizing emulsion gel products in their facilities. Survey questions

were added to assess the use of alcohol sanitizing emulsion gels. This was done after one third of the hospitals had been contacted (Table 6).

Of the 72 infection control personnel surveyed, 24 (33%) reported alcohol sanitizing emulsion gels were available for use throughout the hospital facility. This product was not available for use in 38 of the 72 hospitals (52.7%) surveyed.

- There was a favorable response to the use of these gels stating that they were not drying and were able to decrease the frequency of exposure to water and hand washes.
- The infection control personnel emphasized that the product was used only when the hands were not visibly soiled with infectious material or bodily fluids. They also were aware that washing with soap and water was necessary to remove build up of the gel, moisturizers or any type of bodily fluid the personnel may have come in contact with when using the gel.

Table 5. Type of Hand Washing Agents Used by Nursing Personnel in Washington Hospitals (n=106)

Type of Hand Washing Agent*	Number (%)	CHG ¹	PCMX ²	Triclosan ³
Nonantimicrobial	13 (12.3)			
Nonantimicrobial and antimicrobial	12 (11.3)	7	2	3
Nonantimicrobial medical/surgical floors and antimicrobial(s) in special units or situations**	24 (22.6)	13	6	6
Antimicrobial	47 (44.3)	5	28	14
Antimicrobial, CHG special units only	9 (8.5)	9 (special units)	6	3
Mixed use of nonantimicrobial and antimicrobial, CHG in special units only	1 (0.9)	1 (special units)		1

¹ CHG was typically used between 2% and 4% concentration

² PCMX was typically used between 0.5% and 1% concentration

³Triclosan was typically used between 0.25% and 1% concentration

*Used throughout the hospital unless otherwise noted

**Special units/situations refers to the nursery, ICU, labor and delivery, isolation, etc.

Table 6. Use of Alcohol Sanitizing Emulsion Gels in Washington Hospitals (n=72)

Availability	Number (%)
Throughout the hospital	24 (33.3)
Special areas (ICU, nursery)	3 (4.2)
Trial basis	4 (5.6)
Where there are no sinks	3 (4.2)
Not used	38 (52.7)

The type of gloves used in the hospitals is presented in Table 7.

- Nonlatex gloves were available in 75 hospitals without a special request by the employee.
- Eleven of these hospitals were moving towards having the entire hospital using nonlatex gloves and seven hospitals had latex gloves available only in the operating rooms.
- Some form of latex gloves (powdered or powder free) were in use in 95 of the hospitals.
- Powder free latex gloves were routinely available in 66 hospitals.

Table 7: Type of Gloves Used in Hospitals in Washington (n=106)

Type of Gloves	Type of Latex Gloves	Number of Hospitals (%)
Latex	Powdered	5 (4.7)
	Powdered and powder-free	3 (2.8)
	Powder-free	18 (17.0)
Mixed: Latex and Non-latex (vinyl and/or nitrile)	Powdered	1/5*
	Powdered and powder-free	3 (2.8)
	Powder-free	42 (39.6)
Non-latex	Phasing out latex	11 (10.4)
	Operating rooms only per doctors' request	7 (6.6)
	Exclusively non-latex	11 (10.4)

*Non-latex gloves available on request for 5 hospitals

The use of moisturizers for the hospital personnel is presented in Table 8.

- Moisturizers were not supplied for routine use for hospital personnel in 39% of the hospitals surveyed.
- Of the 65 hospitals that supplied a moisturizer product, 57 (88%) used a product that was compatible with the use of latex gloves and CHG hand washing agents.

- Eight hospitals supplied a moisturizer that was not compatible with CHG or the type of emulsifier in the moisturizer was unknown. In all 8 cases, CHG antimicrobial hand washing agents were not in use in the hospital.

Table 8. Moisturizers That Were Available for Use by Nursing Personnel in Washington Hospitals (n=106)

Types of Moisturizers That Were Available	Number (%)
None recommended or supplied	41 (39.0)
Supplied and compatible with latex gloves and CHG	57 (53.8)
Supplied, compatible with latex gloves but not CHG (Hospital not currently using CHG)	5 (4.7)
Supplied, compatible with latex gloves, no information available on product compatibility with CHG (Hospital not currently using CHG)	3 (2.8)

Conclusions

- Many of the infection control personnel were aware of the issue surrounding the use of petroleum-based moisturizers and incompatibility with wearing latex gloves. Less than half were aware of anionic moisturizers potentially inactivating the residual antibacterial effect of CHG on the skin.
- The majority of hospitals that utilized an antimicrobial hand washing agent throughout the medical/surgical floors used products that contain PCMX as the antimicrobial agent. Thirty three per cent of the hospitals had CHG available in some areas of the hospital as a hand washing agent.
- Alcohol sanitizing emollient gels were not available on a routine basis in the majority of the hospitals that were surveyed.
- Latex gloves were still available in 95 hospitals. Most hospitals supplied the powder free variety. Non-latex gloves were available in addition to/or in lieu of latex gloves for health care personnel on a routine basis in 75 hospitals.
- Moisturizers were supplied by 61% of the hospitals for their health care personnel.

In conclusion, many hospitals have latex gloves available for use and a significant number use CHG as a hand washing agent in some area of the hospital (exclusive of the operating room suites). The awareness of the issues of the compatibility of a moisturizing product with latex gloves and CHG becomes a factor in preventing hand dermatitis in health care personnel. The creation of a list of moisturizing products and their chemical properties should be a helpful adjunct for infection control personnel when making recommendations for use of these products in the health care facilities.

EXAMPLE OF SURVEY

(Please do not reply.)

SHARP State of Washington Hospital Survey 2000:
Hand Wash, Alcohol Gels, Glove Types, Moisturizers, Issues Concerning Use of
Moisturizers and Latex Gloves and Chlorhexidine Gluconate

Hospital _____ Phone Number _____
Number of Registered Beds _____ Name _____

1. Person answering survey questions:
 - a. Infection Control
 - b. Employee Health Nurse
 - c. Nurse other than IC/EHN

2. What type of hand washing agents do the nursing personnel use? (More than one answer possible)
 - a. Nonantimicrobial? Where in the hospital is it used?
 - b. Antimicrobial? Name of the Antimicrobial Agent?
Where in the hospital is it used?

3. Are alcohol gels available for use? [**Not asked of the first 34 persons in the survey**]
 - a. Routine basis
 - b. Only in certain units of the hospital (ICU, nursery, labor and delivery)
 - c. Only where there are no sinks available
 - d. Not used on a routine basis or only when water supply is shut off

4. What types of gloves are available for use in the hospital? (More than one answer possible)
 - a. Powdered latex
 - b. Powder-free latex
 - c. Nonlatex
 - d. Nonlatex available but only per special request

5. Does your hospital have a moisturizer available for the nursing personnel to use?
 - a. None available/recommended
 - b. Brand of moisturizer supplied by hospital

6. Are you aware of the OSHA recommendation regarding avoiding the use of some petroleum-based moisturizers and latex gloves?
 - a. Yes b. No

7. Are you aware of the problem of using a chlorhexidine gluconate (CHG) hand washing agent followed by the use of an anionic moisturizer that may inactivate the residual antibacterial effect of CHG?
 - a. Yes b. No

Preventing Hand Dermatitis in the Health Care Environment

Hand Washing and Dermatitis

Hand washing is a mandatory requirement to prevent transmission of disease. It is considered one of the single most important acts in preventing the spread of infections in the health care setting. Hand washing exposes a person to an extraordinary amount of contact with water and soap/cleansing agents. This chronic exposure can result in irritant hand dermatitis--dry, fissured, inflamed and sometimes, very painful skin.

When the hands are affected with dermatitis, compliance with hand washing regulations can be decreased due to avoidance of exposure to the irritants causing the problem. Hand dermatitis affects the integrity of the skin as a barrier to bodily fluids and pathogens. Inflamed hands can be colonized with more bacteria and be a potential source of pathogens. The compromise of the skin barrier in addition to increased bacteria on the skin can result in occupationally acquired infections and the possible spread of infection to other coworkers or patients.

Cause of Hand Dermatitis

Water is the main cause of the dermatitis. The constant wetting and drying results in removal of protective substances from the skin making it less pliable and more prone to cracks and fissures. When soap/cleansing agents are added, these agents act as secondary irritants, resulting in a change in the pH of the skin and removal of protective lipids from the skin.

The frequency of washing, the time involved with exposure to water/cleansing agents and the temperature of the water are also factors in causing hand dermatitis. Low humidity and cold weather makes hand dermatitis worse. Health care workers who have a history of eczema in childhood may be more prone to hand dermatitis.

Hand Washing Guidelines

There are specific guidelines as to when and how hands must be washed.

- Plain soap and water is used to remove surface dirt and some transient, acquired organisms.
- The addition of antibacterial agents in soaps (hand antisepsis) helps to increase the removal of transient organisms and to leave a residual amount of antibacterial agent on the skin.
- Protocols for surgical scrubs involve removing not only transient organisms from the skin but also attempt to remove as many resident flora as possible.

Unless one is using a surgical scrub protocol, hands need to be washed for at least 15 seconds with warm water combined with a soap/cleansing product. If the water is too hot, more protective oils are removed from the skin. Hands should be thoroughly dried after washing.

The use of gloves does not allow one to avoid washing their hands. Gloves provide an imperfect barrier to infectious material. Once gloves are removed, hand washing is imperative.

Alcohol Sanitizing Emulsion Gels

Alcohol sanitizing emulsion gels are soap free, waterless hand antiseptics products that may be used as alternatives to water/soap/cleansing agents. These products can be used as a measure to decrease the exposure to soap and water when hands are not visibly soiled with dirt or heavily contaminated with blood or other bodily fluids. Although the gels remove transient organisms, they do not remove dirt/contaminants from the skin. Washing with soap and water will eventually become necessary.

Prevention of Hand Dermatitis

The prevention of hand dermatitis is a matter of replacing the moisture lost from the skin due to constant exposure to water and soothing the irritant effects of soap/cleansing agents.

- Follow hand washing guidelines to use warm water, the least harsh soap for routine hand washing and dry hands thoroughly after washing.
- If possible, use alcohol emollient gels when hands are not soiled.

Moisturizers serve as a means to repair the barrier function of the skin.

- Water-based moisturizer formulations are readily absorbed into the skin without leaving an unpleasant, greasy feeling.
- Water-based moisturizers do not compromise the barrier properties of latex gloves.

Some moisturizers that are anionic (negatively charged) can interfere with the residual antibacterial properties of chlorhexidine gluconate (CHG) on the skin.

- CHG is an antimicrobial agent in some hand washing products.
- Most moisturizers manufactured and distributed through medical supply companies for health care use are latex glove and chlorhexidine gluconate compatible.

Many health care facilities have policies in place to avoid the use of personal moisturizer products in the work place to comply with these recommendations. To protect the integrity of the skin, a heavier, oil-based moisturizer can be used under cotton gloves at home or away from work to further heal severely dry skin caused by exposure to excessive water and cleansing agents.

Treatment of Hand Dermatitis

If the skin on the hands is red, inflamed and/or fissured, medical attention should be sought to clear the skin. This may require the use of topical steroids, soaks, antibiotics (if there is evidence of infection) or removal from the job environment on a temporary basis.

- The longer hand dermatitis is present, the more difficult it is to treat and the more chronic it may become.
- Health care personnel with active hand dermatitis, regardless of cause, can develop secondary irritation and aggravation of the dermatitis by wearing gloves over inflamed skin for prolonged periods.
- Active hand dermatitis can increase the risk of developing sensitization to additives used in the production of latex gloves and possibly the latex proteins.

- The use of latex gloves should be minimized to reduce the risk of sensitization and potentially life threatening allergic reactions.

Persistent Hand Dermatitis

It is less common that occupational hand dermatitis is caused by an allergy instead of irritation from water and soap/cleansing agents.

- If hand dermatitis is persistent despite treatment with topical steroids and minimizing exposure to water/soap/cleansing agents, a person may need to be checked by a dermatologist or allergist for an allergic component to their rash.
- Employee health services can do a latex risk assessment which is a screening questionnaire for latex sensitivity risk factors. If the assessment is positive, an employee can be referred to a specialist to confirm the diagnosis.
- Allergies may be due to contact with rubber additives, the latex proteins, antibacterial agents in hand washing products, *and/or* preservatives or fragrances in moisturizers, etc.
- A history of eczema in childhood has been shown to increase one's susceptibility to hand dermatitis from chronic exposure to water and cleansing agents.

Summary

Frequent hand washing is a mandatory requirement in health care settings to prevent the spread of infection from organisms on the hands. The continual use of water and soap can potentially result in hand dermatitis. Protection from this problem requires the maintenance of the natural skin barrier that can be compromised by these irritants.

To prevent hand dermatitis,

- wash with warm, not hot water,
- use the least harsh soap or lowest concentration of antibacterial soaps,
- use alcohol sanitizing emulsion gels if feasible,
- liberally use water-based moisturizers,
- use non-latex gloves, and
- protect and treat the hands when away from the work environment.

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Moisturizer Issues in Health Care Settings

Hand washing is an important preventive measure in the health care setting, but can result in hand dermatitis. Hand dermatitis affects the integrity of the skin as a barrier to bodily fluids and bloodborne pathogens. The chronic exposure of the hands to water and cleansing agents changes the pH of the skin, removes protective lipids in the outer layer of the skin, decreases natural moisturizing factors which in turn alters the water-holding capacity of the skin and impairs the skin barrier function. This results in a drier, less pliable surface. Severely damaged skin can result in cracks and fissures. This change in the skin can also support the growth of pathogenic organisms on the skin.

Moisturizers help to prevent water loss in the skin and maintain the “natural barrier” of the skin. The use of moisturizers to relieve dryness of the skin has not been shown to increase the colonization of bacteria on the skin.

Two issues need to be addressed when using moisturizers in the health care setting.

1. Since 1991 and in the current 1999 revision, the OSHA Directive for Enforcement Procedures for the Occupational Exposure to Bloodborne Pathogens (CPL 2-2,44D) and the Washington Industrial Safety and Health Act (WISHA) Regional Directive (WRD) 11.40* have stated that **some** petroleum-based moisturizers **may** cause deterioration of latex gloves. Petrolatum and mineral oil are petroleum products commonly found in moisturizers.

As a general rule, if the first ingredient in a moisturizer is listed as water, it can be assumed it is water-based (an oil-in-water emulsion). There may be some petroleum products in the moisturizer, but not as the main ingredient.

“Petroleum-containing” products are not necessarily “petroleum-based.” OSHA does not have a definition of what constitutes a “petroleum-based moisturizer.”** Petroleum-based means that a petroleum product is the main ingredient and it is referred to as a water-in-oil emulsion. It is a “recommendation” by OSHA and not a “regulation” to avoid use of petroleum-based moisturizers with latex gloves. We have been unable to find any scientific evidence to support the findings that petroleum-based moisturizers affect the barrier properties of latex gloves.

2. Studies have also been done that demonstrate **some** moisturizers containing anionic emulsifiers **may** interfere with the residual antibacterial effect of chlorhexidine gluconate on the skin. Chlorhexidine gluconate (CHG) is a cationic chemical that binds to skin cells to produce a residual antibacterial effect on the skin. Some anionic moisturizers may inactivate the residual antibacterial effect of CHG hand washing agents.

Examples of anionic emulsifiers include sodium lauryl sulfate and stearic acid.

The type and concentration of emulsifiers and the chemical formulation of the moisturizer will determine if the end product is anionic, nonionic or cationic.

Thus, it is not always possible to determine if a product is anionic by reading the ingredients on the label.

*OSHA CPL 2-2, 44D Directive is an interpretation of a standard (29 CFR 1910.1030 Occupational Exposure to Bloodborne Pathogens). The WISHA Regional Directive (WRD) 11.40 interprets Chapter 296-62-08001, WAC.

**Personal communication, Dr. Kay Bellinger, OSHA, August 23, 2000.

Through our survey, we have found that most Washington hospitals are complying with these recommendations if the hospital supplies a moisturizer for their nursing personnel.

We have developed a list of moisturizers that are made by pharmaceutical/cosmetic companies and supplied to health care facilities that are compatible with the use of latex gloves and chlorhexidine gluconate. It is important to note, however, that this list does not constitute an exhaustive itemization of all products that may be supplied to health care facilities. Additionally, this list does not constitute an exhaustive itemization of all products that may be in use in hospitals in the state of Washington. **This list is derived from information collected in the survey of infection control personnel working in Washington hospitals.**

In addition, we have also contacted the manufacturers of moisturizer products for general consumer use to determine the ionic nature of their products and if the products are water or petroleum-based. We have created additional lists of moisturizers with numerous characteristics so that you may decide whether the product is compatible with your facility's infection control guidelines. **These lists are not intended to be all-inclusive (manufacturers of these products may change their name and formulations) but are an attempt to help give you some product information. This is not an endorsement of any moisturizer product.**

- It is recommended that employees who are allowed to bring their own supply of moisturizer to work use a water-based product in a pump bottle, flip-top capped container or squeeze tube to prevent contamination of the product. If the product is in a jar, sticking the hand or fingertips in the jar could cause bacterial contamination of the product.
- The containers should not be refilled or topped off to prevent contamination.
- Many handwashing guidelines stress that employees should not share moisturizers if there is a possibility of contamination. This should be left up to your infection control policies for your health care facility.
- When an employee is at home, the use of a heavier, oil-based moisturizer product is recommended if the skin is very dry. Using a heavier moisturizer with cotton glove occlusion before going to bed can significantly relieve dryness of the skin.
- Be sure to use protective gloves for the hands when exposed to cold weather.

The following matrix summarizes the compatibility issues discussed in this document.

Moisturizer Use Scenario Matrix

		Latex Gloves Used	
		No	Yes
Chlorhexidine Gluconate Used	No	Any product	Any product, but no petroleum-based moisturizers ^a
	Yes	Any product, but no anionic moisturizers ^b	No petroleum-based ^a or anionic moisturizers ^b

^a **Restriction on the use of petroleum-based moisturizers:** Avoid petroleum-based moisturizers. Use water-based moisturizers (water is the first ingredient listed on the product).

^b **Restriction on the use of anionic moisturizers:** Should avoid moisturizers that are not compatible with chlorhexidine gluconate—moisturizers with anionic emulsifiers or the emulsifier type is unknown. Moisturizers that have cationic or nonionic emulsifiers, or ones that are anionic but have been tested by the manufacturer for chlorhexidine gluconate compatibility and found to be compatible, should be safe.

Moisturizers

Medical Supply Companies

These products are currently being used in some hospitals in Washington as reported by the infection control personnel in our survey conducted in 2000.*

Latex Glove and Chlorhexidine Gluconate Use Compatible

3M Health Care Products:

Product: 3M Cavilon Moisturizing Lotion

Allegiance Healthcare: (847) 578-3695

Product: Amino+Derm Moisturizing Emulsion: anionic emulsifier. Company has conducted tests that it **does not** interfere with the residual antibacterial effect of chlorhexidine gluconate on the skin.

BD Becton Dickinson After Scrub Emollient Skin Therapy: (201) 847-6800

Product: Ultradex Lotion

Bristol Myers Squibb: ConvaTec 1-800-255-2500

Product: ConvaTec Aloe Vesta Two in One Conditioner

EcoLab: 1-800-451-7191

Product: Accent Plus Antibacterial Amino Lotion

GoJo Industries: 1-800-211-7446

Products: PROVON Moisturizing Hand & Body Lotion
PROVON Skin Moisturizer with Aloe & Vitamins

Kimberly Clark: Marfred Industries: 1-800-529-5156

Product: Sani Fresh Hand Cream

Richmond Labs: 1-800-387-7110

Product: Tender Touch Lotion

Stahmer Weston Skin, distributed by Baxter Healthcare: 1-800-423-7188

Product: Soft Guard Extra Strength Barrier Hand Cream

Steris Corporation: Formerly Calgon Vestal: 1-800-548-4873

Products: Primacare Lotion
Lotion Soft Skin Conditioner

Stockhausen, Inc.: 1-800-843-3187, x5065

Product: CliniShield Moisturizing Lotion

Moisturizers

Medical Supply Companies

Latex Glove Compatible, Chlorhexidine Gluconate Non-Compatible

These products contain an anionic emulsifier or surfactant (or an unknown type of emulsifier) and may interfere with the residual antibacterial effect of a chlorhexidine gluconate antimicrobial wash. These products could be used in a health care facility that does not use a chlorhexidine gluconate antimicrobial hand wash.

Chester Labs: (513) 458-3840

Products: April Fresh Hand and Massage Lotion: water-based, anionic emulsifier.
April Fresh Therapeutic Lotion: water-based, anionic emulsifier.

Note: This is not an all-inclusive list of all medical supply companies. These are products that are currently in use in some Washington hospitals according to our survey conducted in 2000. This is not an endorsement of any product by SHARP. *Please note that SHARP has not verified the accuracy of any tests conducted by any of the companies referenced above.

Moisturizers

Consumer Products

These products are currently available for general consumer use in Washington State. The manufacturers were contacted for information to determine if their products were water-based or petroleum-based and the ionic nature of the products.

Latex Glove and Chlorhexidine Gluconate Use Compatible

Andrew Jergens Company:

Products: Curel Age Defying Therapeutic Moisturizing Lotion with Alpha Hydroxy
 Curel Extreme Care Body Lotion
 Curel Soothing Hands Moisturizing Hand Lotion
 Curel Therapeutic Moisturizing Cream, Fragrance Free
 Curel Therapeutic Moisturizing Lotion, Fragrance Free
 Curel Therapeutic Moisturizing Lotion, Original Formula
 Jergens SkinCare Ultra Healing Cream

Baker Cummins:

Product: Ultramide 25 Intensive Moisture for Extra Dry, Scaly or Calloused Skin

Beiersdorf-Jobst:

Products: Eucerin Daily Replenishing Lotion
 Eucerin Dry Skin Therapy Plus Alpha Hydroxy Crème
 Eucerin Dry Skin Therapy Plus Alpha Hydroxy Lotion
 Eucerin Original Crème
 Eucerin Original Lotion
 Eucerin Plus Crème
 Eucerin Plus Lotion
 Eucerin TriLipid Replenishing Lotion
 Nivea Body Creamy Conditioning Oil
 Nivea Body Extra Enriched Lotion
 Nivea Body Original Lotion
 Nivea Body Sheer Moisturizing Lotion
 Nivea Crème
 Nivea Skin Firming Lotion

Bristol Myers Products:

Products: Keri Anti-Bacterial Hand Lotion
 Keri Deep Conditioning Original Lotion Dry Skin Formula Softly Scented
 Keri Deep Conditioning Original Lotion, Fragrance Free Sensitive Skin
 Formula
 Keri Lotion Fast Absorbing Fragrance Free Sensitive Skin Formula
 Keri Lotion Fast Absorbing Softly Scented Dry Skin Formula
 Keri Original Lotion
 Keri Skin Renewal Lotion
 Keri Silky Smooth Lotion
 Keri Silky Smooth Sensitive Skin Lotion

Bristol Myers Squibb-Beauty Care:

Products: Clairol Herbal Essence Moisturizing Lotion, Dry Skin
 Clairol Herbal Essence Moisturizing Lotion, Extra Dry Skin
 Clairol Herbal Essence Moisturizing Lotion, Normal Skin

Galderma Laboratories, Inc.:

Products: Cetaphil Moisturizing Cream
 Cetaphil Moisturizing Lotion

Healthpoint Medical:

Products: NutraDerm 30 Skin Lotion
 NutraDerm Skin Lotion
 NutraDerm Therapeutic Skin Cream
 NutraDerm Therapeutic Skin Lotion
 ProShield Protective Hand Cream

Johnson and Johnson:

Product: Aveeno Moisturizing Lotion

Merz Pharmaceuticals:

Product: Aqua Glycolic Hand and Body Lotion

Neoteric Cosmetics:

Product: Alpha Hydrox Silk Wrap Body Lotion
 Neoteric Diabetic Skin Therapy Oxygenated Advanced Healing Lotion:

Neutrogena Corporation:

Product: Neutrogena Norwegian Formula Hand Cream

Para Laboratories:

Product: Queen Helene Cocoa Butter Hand and Body Lotion

Pfizer Incorporated:

Product: Pacquin Plus with Aloe Skin Cream

Pharmaceutical Specialties:

Product: Vanicream Lite Skin Care Lotion
 Vanicream Skin Cream

Steifel Laboratories, Inc:

Product: Lacticare Lotion

Summers Laboratories, Inc:

Product: Cutemol Emollient Skin Cream

Unilever HPC USA:

Product: Vaseline Intensive Care, Water Resistant Lotion
Vaseline Intensive Care, Solutions Young Hands

Upsher Smith Laboratories:

Product: Amlactin Cream
Amlactin Lotion

Westwood Squibb:

Product: Moisturel Cream
Moisturel Lotion

Working Hands Crème, Incorporated:

Product: Working Hands Crème

Moisturizers

Consumer Products

Latex Glove Compatible, Chlorhexidine Gluconate Incompatible or Unknown Compatibility

The manufacturers of these moisturizers state their products contain anionic emulsifiers or the information from the manufacturer is not available. Tests have not been conducted to determine if the products are compatible with the use of chlorhexidine gluconate hand washing agents. Therefore, the moisturizers listed may interfere with the residual antibacterial effect of chlorhexidine gluconate. These moisturizers would be suitable for use by health care workers if the facility does not use a chlorhexidine gluconate antimicrobial hand wash.

Allerderm:

Products: Lubrex Cream
Lubrex Lotion
U-Lactin Lotion

Andrew Jergens Company:

Products: Jergens Cucumber Extract Body Lotion
Jergens SkinCare Original Scent Lotion
Jergens SkinCare Replenishing Multi-Vitamin Lotion
Jergens SkinCare Replenishing Vitamin E Lotion
Jergens SkinCare Skin Smoothing Lotion
Jergens SkinCare Ultra Healing Lotion
Jergens SkinCare Ultra Healing Lotion, Fragrance Free
Jergens SkinCare Vitamin E Lotion for Very Dry Skin
Jergens Skin Firming Cream
Jergens Skin Firming Moisturizer Lotion
Jergens Soothing Aloe Lotion

Arome:

Products: Dermatologica Active Moist
Dermatologica Skin Smoothing Cream
Dermatologica Intensive Moisture Balance

Colonial Dames Co., Ltd.:

Products: Colonial Dames All Over Hand and Body Lotion
Colonial Dames Hand Cream
Colonial Dames Vitamin E Cream

Doak Dermatologics:

Products: Acid Mantle Cream
Carmol 20
Carmol 10 Total Body Lotion

Enormarel Cosmetics:

Products: Petal Fresh Aloe Very Dry Skin Lotion Extra Relief
Petal Fresh Lilac Cream Lotion
Petal Fresh Oatmeal Dry Skin Lotion, Fragrance Free

E T Browne Drug Company, Inc.:

Product: Palmer's Cocoa Butter Formula Moisturizer Enriched Lotion with Vitamin E
Palmer's Cocoa Butter Formula with Vitamin E Cream

Freeman Cosmetic Corporation:

Products: Beautiful Skin Aloe Vera and Elderflower Body Lotion
Beautiful Skin Alpha Hydroxy Body Lotion
Beautiful Skin Apricot and Vitamin E Ultra Nourishing Lotion

Fruit of the Earth:

Products: Fruit of the Earth Aloe Vera Lotion
Fruit of the Earth Cocoa Butter and Aloe Lotion
Fruit of the Earth Skin Care Cream
Fruit of the Earth Vitamin E Lotion
Fruit of the Earth Vitamin E Skin Care Cream

Healthpoint:

Product: TheraSeal Hand Protection Skin Protectant

Lever Brothers:

Products: Caress Nature's Silk Body Lotion
Caress Spring Blush Body Lotion
Caress Waterfresh Breeze Body Lotion
Caress Wild Blossom Body Lotion

Nature Made Nutritional Products:

Products: Nutra E Body Lotion
Nutra E Pure Vitamin E Skin Cream

Neoteric Cosmetics:

Product: Neoteric Diabetic Skin Therapy Oxygenated Therapeutic Advanced Healing Cream

Neutrogena Corporation:

Products: Neutrogena Daily Moisture Supply, Norwegian Formula
Neutrogena New Hands Restorative Hand Therapy
Neutrogena Norwegian Formula Body Moisturizer
Neutrogena Norwegian Formula Body Emulsion

Person and Covey, Inc:

Products: DML Forte Cream
DML Moisturizing Lotion

Pfizer Incorporated:

Products: Pacquin Medicated Skin Cream
Pacquin Plus Dry Skin Cream

Revlon Consumer Products Corporation:

Products: Revlon Aquamarine Body Lotion Aloe
Revlon Aquamarine Body Lotion Vitamin A and Collagen
Revlon Aquamarine Extra Moisturizing Body Lotion Vitamin E and
Elastin Enriched
Revlon Dry Skin Relief Moisture Lotion

Schering-Plough:

Product: Complex 15 Therapeutic Moisturizing Lotion

Stephan:

Product: Balm Barr Hand and Body Cream Cocoa Butter Formula

St. Ives Laboratories, Incorporated:

Products: St. Ives Aloe Vera Therapy Lotion
St. Ives Aloe Vera Ultra Relief Micro Powered Moisturizer
St. Ives Alpha Hydroxy Renewal Lotion with Natural Peach Extracts
St. Ives Extra Relief Collagen and Elastin Lotion
St. Ives Collagen Elastin Fragrance Free Micro Powered Moisture Dry
Skin Lotion
St. Ives Nourishing Vitamins E and A Micro Powered Moisturizer
St. Ives Sunflower and Silk Moisture Lotion with Antioxidant Vitamins A
and C
St. Ives Vitamin C and Fresh Berry Lotion

Unilever HPC USA:

Products: Pond's Skin Softening Cream and Cocoa Butter
Pond's Softening Lotion
Suave Skin Therapy Lotion
Suave Skin Therapy Lotion, Aloe Vera
Suave Skin Therapy Lotion, Alpha Hydroxy
Suave Skin Therapy Lotion, Cocoa Butter
Suave Skin Therapy Lotion, Extra Relief Healing Formula, Very Dry Skin
Suave Skin Therapy Lotion, Vitamin E and Lanolin

Unilever HPC USA:

Products: Vaseline Constant Care Conditioning Cream
Vaseline Intensive Care Lotion, Advanced Healing, Fragrance Free
Vaseline Intensive Care Lotion, Aloe and Naturals Dry Skin Lotion with Vitamins A and E
Vaseline Intensive Care Lotion, Antibacterial
Vaseline Intensive Care Lotion, Dermatology Formula
Vaseline Intensive Care Lotion, Extra Strength
Vaseline Intensive Care Lotion for Hand and Nail
Vaseline Intensive Care Lotion Sensitive Dry Skin Triple Action Formula
Vaseline Intensive Care, Solutions Skin Repair Skin Protectant Cream

Warner-Lambert Consumer Health:

Product: Corn Huskers Heavy Duty Hand Treatment

Yardley of London:

Products: Vitamin A and E Shea Butter Lotion Aloe Vera
Vitamin A and E Shea Butter Lotion Chamomile Extract
Vitamin A and E Shea Butter Lotion English Lavender
Vitamin A and E Shea Butter Lotion Evening Primrose
Vitamin A and E Shea Butter Lotion Oatmeal and Almond

Moisturizers

Consumer Products

Latex Incompatible, Chlorhexidine Gluconate Compatible or Incompatible

These moisturizer products are petroleum-based or the manufacturer discourages use with latex gloves.

Andrew Jergens Company:

Product: Currel Skin Healing Stick: CHG compatible.

Beiersdorf-Jobst:

Product: Aquaphor Healing Ointment: CHG compatible.

Aquaphor Original Formula Ointment: CHG compatible.

Ferndale Laboratories:

Product: SBR Lipocream Skin Barrier Repair Cream: CHG compatible.

Para Laboratories:

Product: Queen Helene Cocoa Butter Crème: CHG compatible.

Unilever HPC USA:

Products: Vaseline Constant Care Moisture Barrier: CHG compatible.

Vaseline 100% Pure Petroleum Jelly Skin Protectant: CHG compatible.

Vaseline Petroleum Jelly Creamy Formula Enriched with Vitamin E:
CHG compatibility unknown.

Virion, Inc.:

Product: Skin Quencher: CHG compatible.

Warner-Lambert Consumer Health:

Products: Lubriderm Advanced Therapy Gel Crème: CHG compatible.

Lubriderm Dry Skin Care Lotion: CHG compatible.

Lubriderm Gel Cream: CHG compatible.

Lubriderm Moisture Recovery Creme: CHG compatible.

Lubriderm Moisture Recovery Lotion: CHG compatible.

Lubriderm Seriously Sensitive Lotion: CHG compatible.

Lubriderm Skin Firming Body Lotion: CHG compatibility unknown.

Lubriderm Skin Therapy Moisturizing Lotion: CHG compatible.

Lubriderm Skin Therapy Moisturizing Lotion for Normal to Dry Skin:
CHG compatible.

Water-based products. Company does not recommend use with latex gloves.

Note: It is important to note that this list does not constitute an exhaustive itemization of all moisturizer products that may be available. There may be moisturizers in addition to those listed that may/may not be compatible with the use of latex gloves and/or chlorhexidine gluconate. The lists of products were compiled through April, 2001 and updated on January 2, 2002. This is not an endorsement of any product by SHARP.

Index of Moisturizers

Product	Manufacturer	Formulation	Ionic Nature	Supplier	Manufact Tests/ Comments
A					
Accent Plus Antibacterial Amino Lotion	EcoLab	Wb	non	ms	
Acid Mantle Cream	Doak Dermatologics	Wb	an	gc	
Alpha Hydrox Silk Wrap Body Lotion	Neoteric Cosmetics	Wb	non	gc	
Amino+Derm Moisturizing Emulsion	Allegiance Healthcare	wb	an	ms	CHG compatible
Amlactin Cream	Upsher Smith Laboratories	wb	non	gc	
Amlactin Lotion	Upsher Smith Laboratories	wb	non	gc	
April Fresh Hand and Massage Lotion	Chester Labs	wb	an	ms	
April Fresh Therapeutic Lotion	Chester Labs	wb	an	ms	
Aqua Glycolic Hand and Body Lotion	Merz Pharmaceuticals	wb	non	gc	
Aquaphor Healing Ointment	Beiersdorf-Jobst	pb	non	gc	
Aquaphor Original Formula Ointment	Beiersdorf-Jobst	pb	non	gc	
Aveeno Moisturizing Lotion	Johnson and Johnson Co.	wb	non	gc	
B					
Balm Barr Hand and Body Cream Cocoa Butter Formula	Stephan	wb	unknown	gc	
Beautiful Skin Aloe Vera and Elderflower Body Lotion	Freeman Cosmetic Corp.	wb	unknown	gc	
Beautiful Skin Alpha Hydroxy Body Lotion	Freeman Cosmetic Corp.	wb	unknown	gc	
Beautiful Skin Apricot and Vitamin E Ultra Nourishing Lotion	Freeman Cosmetic Corp.	wb	unknown	gc	
C					
Carmol 20	Doak Dermatologics	wb	an	gc	
Carmol 10 Total Body Lotion	Doak Dermatologics	wb	an	gc	
Caress Nature's Silk Body Lotion	Lever Brothers	wb	an	gc	
Caress Spring Blush Body Lotion	Lever Brothers	wb	an	gc	
Caress Waterfresh Breeze Body Lotion	Lever Brothers	wb	an	gc	
Caress Wild Blossom Body Lotion	Lever Brothers	wb	an	gc	
Cavilon Moisturizing Lotion	3M Health Care Products	wb	non	ms	
Cetaphil Moisturizing Cream	Galderma Laboratories	wb	non	gc	
Cetaphil Moisturizing Lotion	Galderma Laboratories	wb	non	gc	

Product	Manufacturer	Formulation	Ionic Nature	Supplier	Manufact Tests/ Comments
Clairol Herbal Essence Moisturizing Lotion, Dry Skin Formula	Bristol Myers Squibb- Beauty Care	wb	non	gc	
Clairol Herbal Essence Moisturizing Lotion, Extra Dry Skin Formula	Bristol Myers Squibb- Beauty Care	wb	non	gc	
Clairol Herbal Essence Moisturizing Lotion, Normal Skin Formula	Bristol Myers Squibb- Beauty Care	wb	non	gc	
CliniShield Moisturizing Lotion	Stockhausen, Inc.	latex compatible	CHG compatible	mc	
Colonial Dames Vitamin E All Over Hand and Body Lotion	Colonial Dames Co., Ltd.	wb	an	gc	
Colonial Dames Vitamin E Cream	Colonial Dames Co., Ltd.	wb	an	gc	
Colonial Dames Hand Cream	Colonial Dames Co., Ltd.	wb	an	gc	
Complex 15 Therapeutic Moisturizing Lotion	Schering-Plough	latex compatible	an	gc	latex compatible
ConvaTec Aloe Vesta Two in One Conditioner	Bristol Myers Squibb	latex compatible	CHG compatible	ms	
Corn Huskers Heavy Duty Hand Treatment	Warner-Lambert Consumer Health	wb	an	gc	
Curel Age Defying Therapeutic Moisturizing Lotion with Alpha Hydroxy	Andrew Jergens Company	wb	cat	gc	
Curel Extreme Care Body Lotion	Andrew Jergens Company	wb	non	gc	
Curel Skin Healing Stick	Andrew Jergens Company	pb	non	gc	
Curel Soothing Hands Moisturizing Hand Lotion	Andrew Jergens Company	wb	cat	gc	
Curel Therapeutic Moisturizing Cream, Fragrance Free	Andrew Jergens Company	wb	cat	gc	
Curel Therapeutic Moisturizing Lotion, Fragrance Free	Andrew Jergens Company	wb	cat	gc	
Curel Therapeutic Moisturizing Lotion, Original Formula	Andrew Jergens Company	wb	cat	gc	
Cutemol Emollient Skin Cream	Summers Laboratories Inc.	wb	non	gc	
D					
Dermatologica Active Moisture	Arome	wb	unknown	gc	
Dermatologica Intensive Moisture Balance	Arome	wb	unknown	gc	
Dermatologica Skin Smoothing Cream	Arome	wb	unknown	gc	
DML Forte Cream	Person and Covey	wb	unknown	gc	
DML Moisturizing Lotion	Person and Covey	wb	unknown	gc	
E					
Eucerin Daily Replenishing Lotion	Beiersdorf-Jobst	wb	non	gc	

Product	Manufacturer	Formulation	Ionic Nature	Supplier	Manufact Tests/ Comments
Eucerin Dry Skin Therapy Plus Alpha Hydroxy Creme	Beiersdorf-Jobst	wb	non	gc	
Eucerin Dry Skin Therapy Plus Alpha Hydroxy Lotion	Beiersdorf-Jobst	wb	non	gc	
Eucerin Original Crème	Beiersdorf-Jobst	wb	non	gc	
Eucerin Original Lotion	Beiersdorf-Jobst	wb	non	gc	
Eucerin Plus Crème	Beiersdorf-Jobst	wb	non	gc	
Eucerin Plus Lotion	Beiersdorf-Jobst	wb	non	gc	
Eucerin TriLipid Replenishing Lotion	Beiersdorf-Jobst	wb	non	gc	
F					
Fruit of the Earth Aloe Vera Lotion	Fruit of the Earth	wb	unknown	gc	
Fruit of the Earth Aloe Vera Skin Care Cream	Fruit of the Earth	wb	unknown	gc	
Fruit of the Earth Cocoa Butter and Aloe Lotion	Fruit of the Earth	wb	unknown	gc	
Fruit of the Earth Vitamin E Lotion	Fruit of the Earth	wb	unknown	gc	
Fruit of the Earth Vitamin E Skin Care Cream	Fruit of the Earth	wb	unknown	gc	
J					
Jergens SkinCare Cucumber Extract Body Lotion	Andrew Jergens Company	wb	unknown	gc	
Jergens SkinCare Original Scent Lotion	Andrew Jergens Company	wb	an	gc	
Jergens SkinCare Replenishing Multi-Vitamin Lotion	Andrew Jergens Company	wb	an	gc	
Jergens SkinCare Replenishing Vitamin E Lotion	Andrew Jergens Company	wb	an	gc	
Jergens SkinCare Smoothing Lotion	Andrew Jergens Company	wb	an	gc	
Jergens SkinCare Ultra Healing Cream	Andrew Jergens Company	wb	cat	gc	
Jergens SkinCare Ultra Healing Lotion	Andrew Jergens Company	wb	an	gc	
Jergens SkinCare Ultra Healing Lotion, Fragrance Free	Andrew Jergens Company	wb	an	gc	
Jergens SkinCare Vitamin E Lotion, Extra Dry Skin	Andrew Jergens Company	wb	unknown	gc	
Jergens Skin Firming Cream	Andrew Jergens Company	wb	unknown	gc	
Jergens Skin Firming Moisturizer	Andrew Jergens Company	wb	an	gc	
Jergens Soothing Aloe Lotion	Andrew Jergens Company	wb	an	gc	
K					
Keri Anti-Bacterial Hand Lotion	Bristol Myers Products	wb	non	gc	
Keri Deep Conditioning Original Lotion Dry Skin Formula Softly Scented	Bristol Myers Products	wb	non	gc	
Keri Deep Conditioning Original Lotion, Fragrance Free Sensitive Skin Formula	Bristol Myers Products	wb	non	gc	
Keri Lotion Fast Absorbing Fragrance Free Sensitive Skin Formula	Bristol Myers Products	wb	non	gc	

Product	Manufacturer	Formulation	Ionic Nature	Supplier	Manufact Tests/ Comments
Keri Lotion Fast Absorbing Softly Scented Dry Skin Formula	Bristol Myers Products	wb	non	gc	
Keri Original Lotion	Bristol Myers Products	wb	non	gc	
Keri Skin Renewal Lotion	Bristol Myers Products	wb	non	gc	
Keri Silky Smooth Lotion	Bristol Myers Products	wb	non	gc	
Keri Silky Smooth Sensitive Skin Lotion	Bristol Myers Products	wb	non	gc	
L					
Lac Hydrin Five Lotion	Westwood Squibb	wb	non	gc	
Lacticare Lotion	Steifel Laboratories	wb	non	gc	
Lotion Soft Skin Conditioner	Steris Corporation	latex compatible	CHG compatible	ms	latex and CHG compatible
Lubrex Cream	Allerderm	latex compatible	unknown	gc	
Lubrex Lotion	Allerderm	wb	an	gc	
Lubri Derm Advanced Therapy Gel Crème	Warner-Lambert Consumer Health	wb	non	gc	does not recommend use with latex gloves
Lubri Derm Dry Skin Care Lotion	Warner-Lambert Consumer Health	wb	non	gc	does not recommend use with latex gloves
Lubri Derm Gel Crème	Warner-Lambert Consumer Health	wb	non	gc	does not recommend use with latex gloves
Lubri Derm Moisture Recovery Crème	Warner-Lambert Consumer Health	wb	non	gc	does not recommend use with latex gloves
Lubri Derm Moisture Recovery Lotion	Warner-Lambert Consumer Health	wb	non	gc	does not recommend use with latex gloves

Product	Manufacturer	Formulation	Ionic Nature	Supplier	Manufact Tests/ Comments
Lubriderm Seriously Sensitive Lotion	Warner-Lambert Consumer Health	wb	non	gc	does not recommend use with latex gloves
Lubriderm Skin Firming Body Lotion	Warner-Lambert Consumer Health	wb	unknown	gc	does not recommend use with latex gloves
Lubriderm Skin Therapy Moisturizing Lotion	Warner-Lambert Consumer Health	wb	non	gc	does not recommend use with latex gloves
Lubriderm Skin Therapy Moisturizing Lotion for Normal to Dry Skin	Warner-Lambert Consumer Health	wb	non	gc	does not recommend use with latex gloves
M					
Moisturel Cream	Westwood Squibb	30% petrolatum	non	gc	latex compatible
Moisturel Lotion	Westwood Squibb	wb	non	gc	
N					
Neoteric Diabetic Skin Therapy Oxygenated Advanced Healing Lotion	Neoteric Cosmetics	wb	non	gc	
Neoteric Diabetic Skin Therapy Oxygenated Therapeutic Advanced Healing Cream	Neoteric Cosmetics	wb	an	gc	
Neutrogena Daily Moisture Supply, Norwegian Formula	Neutrogena Corp.	latex compatible	an	gc	latex compatible
Neutrogena New Hands Restorative Hand Therapy	Neutrogena Corp.	latex compatible	an	gc	latex compatible
Neutrogena Norwegian Formula Body Moisturizer	Neutrogena Corp.	latex compatible	an	gc	latex compatible
Neutrogena Norwegian Formula Body Emulsion	Neutrogena Corp.	wb	an	gc	
Neutrogena Norwegian Formula Hand Cream	Neutrogena Corp.	latex compatible	cat	gc	latex compatible

Product	Manufacturer	Formulation	Ionic Nature	Supplier	Manufact Tests/ Comments
Nivea Body Creamy Conditioning Oil	Beiersdorf-Jobst	wb	non	gc	
Nivea Crème	Beiersdorf-Jobst	wb	non	gc	
Nivea Body Extra Enriched Lotion	Beiersdorf-Jobst	wb	non	gc	
Nivea Body Original Lotion	Beiersdorf-Jobst	wb	non	gc	
Nivea Body Sheer Moisturizing Lotion	Beiersdorf-Jobst	wb	non	gc	
Nivea Skin Firming Lotion	Beiersdorf-Jobst	wb	non	gc	
NutraDerm 30 Skin Lotion	Healthpoint Medical	wb	non	gc	
NutraDerm Skin Lotion	Healthpoint Medical	wb	an	gc	CHG compatible
NutraDerm Therapeutic Skin Cream	Healthpoint Medical	wb	an	gc	CHG compatible
NutraDerm Therapeutic Skin Lotion	Healthpoint Medical	wb	non	gc	
Nutra E Hand and Body Lotion	Nature Made Nutritional Products	wb	unknown	gc	
Nutra E Pure Vitamin E Skin Cream	Nature Made Nutritional Products	wb	unknown	gc	
P					
Pacquin Medicated Skin Cream	Pfizer Inc.	wb	an	gc	
Pacquin Plus Dry Skin Cream	Pfizer Inc.	wb	an	gc	
Pacquin Plus with Aloe Skin Cream	Pfizer Inc.	wb	non	gc	
Palmer's Cocoa Butter Formula Moisturizer Enriched Lotion with Vitamin E	E T Browne Drug Company, Inc.	wb	an	gc	
Palmer's Cocoa Butter Formula with Vitamin E Cream	E T Browne Drug Company, Inc.	wb	an	gc	
Petal Fresh Aloe Very Dry Skin Lotion Extra Relief	Enormarel Cosmetics	wb	unknown	gc	
Petal Fresh Lilac Cream Lotion	Enormarel Cosmetics	wb	unknown	gc	
Petal Fresh Oatmeal Dry Skin Lotion, Fragrance Free	Enormarel Cosmetics	wb	unknown	gc	
Pond's Skin Softening Cream and Cocoa Butter	Unilever HPC USA	wb	an	gc	
Pond's Softening Lotion	Unilever HPC USA	wb	an	gc	
Primacare Lotion	Steris Corporation	latex compatible	CHG compatible	ms	latex and CHG compatible

Product	Manufacturer	Formulation	Ionic Nature	Supplier	Manufact Tests/ Comments
PROVON Moisturizing Hand and Body Lotion	GoJo Industries	latex compatible	CHG compatible	ms	latex and CHG compatible
PROVON Skin Moisturizer with Aloe and Vitamins	GoJo Industries	latex compatible	CHG compatible	ms	latex and CHG compatible
ProShield Protective Hand Cream	Healthpoint Medical	wb	non	gc	
Q					
Queen Helene Cocoa Butter Hand and Body Lotion	Para Laboratories	wb	non	gc	
Queen Helene Cocoa Butter Crème	Para Laboratories	pb	non	gc	
R					
Revlon Aquamarine Body Lotion Aloe	Revlon Consumer Products Corp.	wb	an	gc	
Revlon Aquamarine Body Lotion Vitamin A and Collagen	Revlon Consumer Products Corp.	wb	an	gc	
Revlon Aquamarine Extra Moisturizing Body Lotion Vitamin E and Elastin Enriched	Revlon Consumer Products Corp.	wb	an	gc	
Revlon Dry Skin Relief Moisture Lotion	Revlon Consumer Products Corp.	wb	an	gc	
S					
Sani Fresh Hand Cream	Kimberly Clark	wb	CHG compatible	ms	CHG compatible
SBR Lipocream Skin Barrier Repair Cream	Ferndale Laboratories	pb	non	gc	
Skin Quencher	Virion, Inc.	pb	none	gc	
Soft Guard Extra Strength Barrier Hand Cream	Stahmer Weston Skin	wb	cat	ms	
St. Ives Aloe Vera Therapy Lotion	St. Ives Laboratories, Inc.	wb	unknown	gc	
St. Ives Aloe Vera Ultra Relief Micro Powered Moisturizer	St. Ives Laboratories, Inc.	wb	unknown	gc	
St. Ives Alpha Hydroxy Renewal Lotion with Natural Peach Extracts	St. Ives Laboratories, Inc.	wb	unknown	gc	
St. Ives Collagen Elastin Fragrance Free Micro Powered Moisture Dry Skin Lotion	St. Ives Laboratories, Inc.	wb	unknown	gc	
St. Ives Extra Relief Collagen and Elastin Lotion	St. Ives Laboratories, Inc.	wb	unknown	gc	
St. Ives Nourishing Vitamins E and A Micro Powered Moisturizer	St. Ives Laboratories, Inc.	wb	unknown	gc	
St. Ives Sunflower and Silk Moisture Lotion with Antioxidant Vitamins A and C	St. Ives Laboratories, Inc.	wb	unknown	gc	
St. Ives Vitamin C and Fresh Berry Lotion	St. Ives Laboratories, Inc.	wb	unknown	gc	

Product	Manufacturer	Formulation	Ionic Nature	Supplier	Manufact Tests/ Comments
Suave Skin Therapy Lotion	Unilever HPC USA	wb	an	gc	
Suave Skin Therapy Lotion, Aloe Vera	Unilever HPC USA	wb	an	gc	
Suave Skin Therapy Lotion, Alpha Hydroxy	Unilever HPC USA	wb	an	gc	
Suave Skin Therapy Lotion, Cocoa Butter	Unilever HPC USA	wb	an	gc	
Suave Skin Therapy Lotion, Extra Relief Healing Formula for Very Dry Skin	Unilever HPC USA	wb	an	gc	
Suave Skin Therapy Lotion. Vitamin E and Lanolin	Unilever HPC USA	wb	an	gc	
T					
Tender Touch Lotion	Richmond Labs	wb	non	ms	
TheraSeal Hand Protection Skin Protectant	Healthpoint	wb	unknown	gc	
U					
U-Lactin Lotion	Allerderm	wb	an	gc	
Ultradex Lotion	BD Becton Dickinson	wb	non	ms	
Ultramide 25 Intensive Moisture for Extra Dry, Scaly or Callused Skin	Baker Cummins	wb	non	gc	
V					
Vanicream Lite Skin Care Lotion	Pharmaceutical Specialties	wb	non	gc	
Vanicream Skin Cream	Pharmaceutical Specialties	wb	non	gc	
Vaseline Constant Care Conditioning Cream	Unilever HPC USA	wb	an	gc	
Vaseline Constant Care Moisture Barrier	Unilever HPC USA	pb	unknown	gc	
Vaseline Intensive Care Lotion, Advanced Healing, Fragrance Free	Unilever HPC USA	wb	an	gc	
Vaseline Intensive Care Lotion, Aloe and Naturals Dry Skin Lotion with Vitamins A and E	Unilever HPC USA	wb	an	gc	
Vaseline Intensive Care Lotion, Antibacterial	Unilever HPC USA	wb	unknown	gc	
Vaseline Intensive Care Lotion, Dermatology Formula	Unilever HPC USA	wb	an	gc	
Vaseline Intensive Care Lotion, Extra Strength	Unilever HPC USA	wb	an	gc	
Vaseline Intensive Care Lotion for Hand and Nail	Unilever HPC USA	wb	an	gc	
Vaseline Intensive Care Lotion Sensitive Dry Skin Triple Action Formula	Unilever HPC USA	wb	an	gc	
Vaseline Intensive Care Lotion, Water Resistant	Unilever HPC USA	wb	non	gc	
Vaseline Intensive Care, Solutions Skin Repair Skin Protectant Cream	Unilever HPC USA	wb	an	gc	
Vaseline Intensive Care, Solutions Young Hands	Unilever HPC USA	wb	non	gc	
Vaseline Petroleum Jelly Creamy Formula Enriched with Vitamin E	Unilever HPC USA	pb	an	gc	
Vaseline 100% Pure Petroleum Jelly Skin Protectant	Unilever HPC USA	pb	no emulsifier	gc	

Product	Manufacturer	Formulation	Ionic Nature	Supplier	Manufact Tests/ Comments
W					
Working Hands Crème	Working Hands Crème, Inc.	wb	non	gc	
Y					
Yardley of London Vitamin A and E Shea Butter Lotion Aloe Vera	Yardley of London	wb	unknown	gc	
Yardley of London Vitamin A and E Shea Butter Lotion Chamomile Essence	Yardley of London	wb	unknown	gc	
Yardley of London Vitamin A and E Shea Butter Lotion English Lavender	Yardley of London	wb	unknown	gc	
Yardley of London Vitamin A and E Shea Butter Lotion Evening Primrose	Yardley of London	wb	unknown	gc	
Yardley of London Vitamin A and E Shea Butter Lotion Oatmeal & Almond	Yardley of London	wb	unknown	gc	

Codes and Interpretation:

pb=petroleum-based (may not be suitable for use with latex gloves)

wb=water-based (should be safe to use with latex gloves)

unknown=the type of emulsifier may be anionic but do not have information from manufacturer

latex compatible=formula may not be water-based but manufacturer has done studies to show product is compatible with latex gloves

an=anionic emulsifier, product is anionic (may inactivate residual antibacterial effect chlorhexidine gluconate [CHG])

cat=cationic emulsifier (should not inactivate residual antibacterial effect CHG)

non=nonionic emulsifier (should not inactivate residual antibacterial effect CHG)

CHG compatible=emulsifier may be anionic but manufacturer has done studies to show product does not inactivate residual antibacterial effect of CHG

CHG/latex=manufacturer states CHG and latex glove compatible

gc=general consumer use, usually made by cosmetic manufacturer

ms=medical supply company

Note: It is important to note that this list does not constitute an exhaustive itemization of all products that may be supplied or made by health care or other companies. Additionally, the list does not constitute an exhaustive itemization of all products that may be in use in Washington hospitals. There may be moisturizers in addition to those listed that may be compatible with the use of latex gloves and chlorhexidine gluconate. Please note that SHARP has not verified the accuracy of any test conducted by any of the companies referenced above. This is not an endorsement of any product by SHARP. The list of products were compiled as of April, 2001 and updated on January 2, 2002.

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